Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 10 Apr 2023 until 23:59 on Tuesday 11 Apr 2023

Forecast Issued on Sunday 09 Apr 2023 at 15:01

Confidence: High confidence for a turn to more unsettled conditions for the upcoming days with rain, showers and strong winds. Medium confidence on cloud details, and arrival times of rain and showers for first couple of days, but lower confidence later in the week.

Headline for Monday 10 Apr 2023: Band of rain and low cloud across region to start, clearing east by late morning. A showery afternoon following, often heavy at times with risk of hail and thunder.

Mountain weather hazards on Monday 10 Apr 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Light rain	Light rain showers	Heavy rain showers	Heavy rain showers	Heavy Rain	Heavy Rain
Precipitation probability							
60%	60%	40%	40%	70%	70%	70%	60%

Forecast for Monday 10 Apr 2023

Weather: A band of rain, low cloud and strong winds lies across the park through much of the morning, clearing away to the east by mid-morning. Some bright spells will follow, but with an increasing risk of blustery showers from late morning onwards. These are likely to be heavy at times with a risk of hail and thunder over highest peaks, and may band together to give some more prolonged spells of rain especially into the evening.

Chance of cloud-free hill tops above 600m: 30% early, improving to 70% late morning, 40% for the evening in frequent showers.

Low cloud and visibility: Extensive low cloud early on, with widespread bases down to 400-500m. Cloud improving and breaking up through the morning, lifting above the tops with some brighter spells forming. However cloud is expected to be variable in frequent showers, falling as low as 500-600m at times with peaks likely to be in and out of cloud throughout the day, especially in the west. More prolonged low cloud likelier into the evening in persistent showers. Visibility at times will be good, but quickly falling to very poor in showers and low cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Monday 10 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/33 S	26/35 S	22/31 SW	19/27 SW	21/30 W	21/30 W	21/29 W	21/31 W	27/39 W
300	17/25 S	20/28 S	16/26 SW	16/23 SW	16/24 W	16/25 W	15/23 W	17/26 W	21/32 W
Valley	10/23 S	12/28 S	12/26 SW	11/22 SW	11/23 W	11/23 W	11/23 W	12/24 W	15/31 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/1	7/2	7/2	6/1	4/-1	3/-2	2/-4	2/-5
300	8/5	8/4	9/5	9/6	9/5	7/3	6/2	5/0	4/-1
Valley	9/7	9/6	9/6	10/7	10/7	7/4	6/3	6/2	5/1
Freezing Level*	2000m	2000m	1600m	1400m	1300m	1100m	1000m	1000m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note the strong winds and severe chill effect on the peaks.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 08 Apr 2023	0.2mm	0.2mm	12mm

Forecast for Tuesday 11 Apr 2023

Weather: A dry but chilly start with some clear skies, clouding over at times during the morning with showers possible, mainly across the west of the park. Drier through the middle part of the day with some brighter spells, before cloud increases from the west during the afternoon ahead of a band of rain and very strong winds that push through during the evening. Some heavier bursts expected.

Maximum wind: Southwesterly 20-30mph, with gusts 40-45mph over the summits.

Chance of cloud-free hill tops above 600m: 70% morning and afternoon, falling to 30% into the evening.

Low cloud and visibility: Occasional cloud through the morning, most likely in the west, with bases down to 600m in showers. Cloud breaking up through middle part of the day, before extensive cloud moves in from the west from during the afternoon, initially at around 600-700m before lowering to 400m through the evening.

Temperature: **Valleys:** Plus 3 Celsius, rising to Plus 8 Celsius.
At 600m: Plus 1 Celsius, rising to Plus 5 Celsius.
Freezing level: Above the peaks throughout.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.